

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A froth flotation process for beneficiating an ore, comprising:
forming a slurry comprising water and particles of an ore, the ore containing sulfide minerals;
intermixing said slurry with effective amounts of a frothing agent and a collector to form a froth containing beneficiated sulfide minerals, the collector comprising N-butoxycarbonyl-O-butylthionocarbamate; and
collecting said beneficiated sulfide minerals.
2. (Original) The process of Claim 1 in which said collector is intermixed with said slurry in an amount in the range of about 0.005 to about 5 lbs per ton of ore in said slurry.
3. (Original) The process of Claim 1 in which said collector is intermixed with said slurry in an amount in the range of about 0.1 to about 2 lbs per ton of ore in said slurry.
4. (Original) The process of Claim 1 in which said slurry has a pH in the range of about 6 to about 12.
5. (Original) The process of Claim 1 in which said slurry has a pH in the range of about 9 to about 11.5.
6. (Canceled)
7. (Original) The process of Claim 1 in which said ore comprises a metal selected from the group consisting of copper, lead and zinc.